

BRAD MIKE BURZON

Federal Way, WA 98023
(260) 246-8521
bmburzon@gmail.com
<https://www.linkedin.com/in/brad-burzon>

OBJECTIVE

Seeking a Software Developer Engineer position to apply my extensive web development skills and project experience in a vibrant team setting, aiming to push the boundaries of innovation and excellence in creating technology solutions.

EDUCATION

Purdue University Fort Wayne | B.S. in Computer Science Aug 2021 - Dec 2023
Fort Wayne, IN

Achievements: Dean's List (2021), Honor's List (2021, 2023)

Relevant Classes: Software Engineering, Analysis of Algorithm, C and Unix, Database Systems

Indiana University | Undergraduate Aug 2015 - Dec 2018
Bloomington, IN

Relevant Classes: Data Structures, Programming Language Design, Discrete Mathematics

SKILLS

Java, C, Python, TypeScript, Javascript, Angular, Bootstrap, HTML, CSS, GitHub, Scrum, Adobe XD, Figma

EXPERIENCE

Computer Science Teaching Assistant | Indiana University Aug 2016 - Dec 2017
Bloomington, IN

- Facilitated the success of 30 students by teaching weekly lab sessions.
- Consistently met deadlines by grading around 500 homeworks and 420 lab quizzes on time.
- Supervised hackathon for 8 teams with 4 students by validating solution submissions.
- Contributed to the students' understanding of 11 computer science topics by answering questions and providing guidance.

PROJECTS

Order Flow - Restaurant Ordering System | Angular Web App Oct 2023 - Current
A web app for restaurants that streamlines communicating "orders" and "ready for pick up" between the servers and cooks.

- Designed an active listener architecture that automatically updates based on real-time order data.
- Developed a responsive web app using Angular, TypeScript, Bootstrap, HTML, CSS.
- Leveraged existing technology solution for authentication and storage using Firebase.
- Configured Continuous Integration/Continuous Deployment using GitHub Actions.

Cerebro - Cognitive Rehabilitation Games | Android App Aug 2022 - May 2023
An Android app designed to rehabilitate traumatic brain injury (TBI) patients through research-backed games.

- Extended legacy code to add new features and an additional game mode using Android Studio, Java, XML, and Firebase.
- Research proven techniques that help patients suffering from TBI by consulting subject matter experts.
- Streamlined project planning, communication, and task management using Scrum Agile methodology.
- Conducted usability testing with graduate students which led to resolving critical improvement areas.

Career Path Recommendations Engine | Angular Web App Aug 2021 - Dec 2021
A website that delivers personalized career path suggestions based on user survey data.

- Awarded best in prototype and execution amongst 7 other competing teams.
- Designed login, survey, and Career Path recommendations user experience using Adobe XD.
- Published detailed project documentation including use cases, designs, test plans, tools, and dependencies.
- Leveraged GitHub to streamline collaboration processes, ensuring efficient teamwork and project success.